

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 August 2004 (19.08.2004)

PCT

(10) International Publication Number
WO 2004/069687 A1

(51) International Patent Classification⁷: **B65D 81/38**,
A47J 41/00

(81) Designated States (*national*): AE, AU, CN, IL, LK, US,
ZA.

(21) International Application Number:
PCT/IN2003/000045

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eu-
ropean patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

(22) International Filing Date: 7 March 2003 (07.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
133/MUM/2003 3 February 2003 (03.02.2003) IN

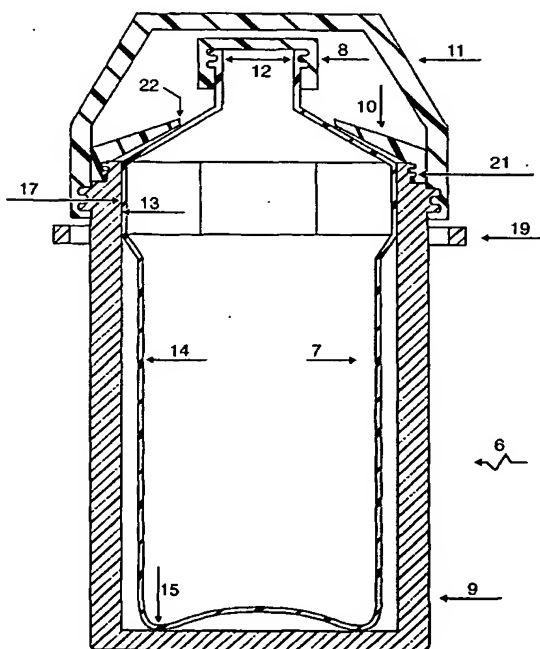
Published:
— with international search report

(71) Applicant and

(72) Inventor: THADANI, Mahesh [IN/IN]; I, Krishna Niwas
I, Pudumjee Compound, Pune 411 042, Maharashtra (IN).

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: AN IMPROVED INSULATED BOTTLE



(57) Abstract: An improved Insulated Bottle, characterized by a closure capped reusable Bottle (7) capable of holding liquids and an insulatory, non-permanently assembled, rigid polymer Receptacle adapted to store said Bottle in a securably, non-rotatably and mostly spaced apart manner, said Receptacle comprising a hollow single walled Body (9), a Bottle Restrainer (10) and a Top Cup (11), said Bottle being clear and having within its upright body, a limited non circular portion (13) and a substantial circular portion (14), only the non-circular upright portion (13) of said Bottle being touched and held by said Body's upright inner to make said Bottle non-rotatable within said Body, said Bottle's neck end being external of said Body affixed Restrainer, said Bottle's circular, externally threaded neck taking a removable and refixable circular Closure Cap (8, 23), said circular Closure Cap on Body stored Bottle being openable and closable without making said Bottle rotate or lift up, said Body being reflectively opaque, or clear, or mostly opaque with a fitted clear window (18) in its upright wall, and said Top Cup accommodating a short or a long Closure Cap.

WO 2004/069687 A1